

**McDougal Littell Algebra 2, Kentucky Pupil Edition**

The Algebra 2 Pupil's Edition focuses on the Kentucky Combined Curriculum for Algebra 2. It engages students in active learning, is adaptable to different student abilities, and provides ongoing assessment integrated with instruction, preparing students for test-taking success.

Contract Price

\$76.14

Grade

8,9,10,11,12

TYPE

P1

Copyright

2009

Author

Larson, et al.

Edition

1st

Content

Algebra 2

Readability

1060 Lexile Score

Accessibility

Nimas MathML

Research

Contact sales representative for assistance

Teacher Edition	
9780547117539	\$104.97
McDougal Littell Algebra 2, Kentucky Teacher Edition	
Essential Items	
Ancillary Items	
Free with Purchase items	
9780030397394 Scanner	
Upon request, choice of One Scanner or Electronic Student Response System with a minimum purchase	
9780030397394 Scanner	
Upon request, choice of One Scanner or Electronic Student Response System with a minimum purchase	
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Upon request, choice of one(1) Technology Equipment for every 75 Student Editions purchased. Limit	
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9780547003634 McDougal Littell Algebra 2 ExamView Suite 6.0 Test Generator CD-	\$185.61
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9780547003634 McDougal Littell Algebra 2 ExamView Suite 6.0 Test Generator CD-	\$185.61
Upon request, one per teacher, year of purchase.	
9780547116914 McDougal Littell Algebra 2 Lesson Plans	\$11.37
Upon request, one per teacher, year of purchase.	
9780547117188 McDougal Littell Algebra 2 Notetaking Guide	\$1.50
Upon request, one per teacher, year of purchase. Plus upon request, choose one workbook per student	
9780547117744 McDougal Littell Algebra 2, Kentucky Pupil Edition	\$76.14
Upon request, in the initial year of purchase choose one (1) class set of Student Editions. Class Set	
9780618186020 McDougal Littell Algebra 2 Teaching Mathematics Using Technology	\$125.40
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9780618627585 McDougal Littell Algebra 2 @HomeTutor CD-ROM	\$24.00
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9780618627585 McDougal Littell Algebra 2 @HomeTutor CD-ROM	\$24.00
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9780618656066 McDougal Littell Algebra 2 Power Presentations: The Electronic	\$98.79
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9780618656066 McDougal Littell Algebra 2 Power Presentations: The Electronic	\$98.79
Upon request, one per teacher, year of purchase.	
9780618656196 McDougal Littell Algebra 2 High School Activity Generator CD-ROM	\$78.63

**McDougal Littell Algebra 2, Kentucky Pupil Edition****9780547117744**

9780618656196	McDougal Littell Algebra 2 High School Activity Generator CD-ROM	\$78.63
Upon request, one per teacher, year of purchase.		
9780618726493	McDougal Littell Algebra 2 EasyPlanner DVD-ROM	\$294.33
Upon request, one per teacher, year of purchase.		
9780618726493	McDougal Littell Algebra 2 EasyPlanner DVD-ROM	\$294.33
Upon request, one per teacher, year of purchase.		
9780618733422	McDougal Littell Algebra 2 Best Practices Toolkit	\$292.44
Upon request, one per teacher, year of purchase.		

Evaluation Tool for Basal Instructional Materials  
Mathematics (2009 – 2015)

Provided by the Publisher	ISBN 9780547117744		Publisher - <b>Holt McDougal, A Division of Houghton Mifflin Harcourt Publishing Company</b>		Provided by the Publisher
	<b>McDougal Littell Algebra 2, Kentucky Pupil Edition</b>				
	Type - P1	Author - Larson, et al.			
	Copyright - 2009	Edition - 1st	Readability - 1060 Lexile Score		
	Course - Algebra 2		Grade(s) - 8,9,10,11,12		
Teacher Edition ISBN if applicable ..... 9780547117539					

**Overall Recommendation:**

**Recommended as BASAL**

**Overall Strengths, Weaknesses, Comments:**

if this box is not checked, the evaluators have  
chosen NOT recommend as basal

**The text has great organization and is aligned with the POS and KCCT. There are numerous KCCT test prep opportunities and higher-level questions. The teacher edition includes multiple-level assignments and homework. There is also references for differentiated instruction and activities are interspersed in the text. There are many ancillary materials to enhance the basal text.**

NIMAC Accessibility NML  
Ancillary Yes  
Free with Purchase Yes  
Research Yes Contact sales representative for assistance

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**CRITERIA**

This basal resource ...

**A. Encompasses KY Content Standards & Grade Level Expectations Strong Evidence**

Text is designed to be used in an elective course outside the Program of Studies

**1) Includes the 5 Big Ideas of mathematics to the following extent:**

- |  |                   |
|--|-------------------|
| <b>a) Number Properties and Operations</b> | Strong Evidence   |
| <b>b) Measurement</b>                      | Strong Evidence   |
| <b>c) Geometry</b>                         | Moderate Evidence |
| <b>d) Data Analysis and Probability</b>    | Strong Evidence   |
| <b>e) Algebraic Thinking</b>               | Strong Evidence   |

**2) Addresses content-specific enduring understandings from the related Program of Studies standards.**

Strong Evidence

<b>3) Addresses content-specific skills and concepts from the related Program of Studies standards.</b>	Strong Evidence
<b>4) Content addressed is current, relevant and non-trivial</b>	Strong Evidence
<b>5) Provides opportunities for critical thinking/reasoning</b>	Strong Evidence
<b>6) Strengths, Weaknesses, Comments:</b> <ul style="list-style-type: none"> <li>Specific strengths-which areas/concepts are covered exceptionally well?</li> <li>Specific weaknesses-which areas/concepts would likely require supplementing?</li> </ul> <p>There is a detailed breakdown of the relationship between the text and the POS as well as the KCCT. The student edition explains to the students what this means and how it relates to the 11<sup>th</sup> year KCCT. There is a relation between the practice KCCT and the text examples included for the students.</p>	
<b>B. Functionality &amp; Suitability</b>	<b>Strong Evidence</b>
<b>1) Suitability</b>	<b>Strong Evidence</b>
<ul style="list-style-type: none"> <li>Should be suitable for use with a diverse population and is free of bias regarding race, age, ethnicity, gender, religion, social and/or geographic environment; is free of stereotyping or bias of any kind.</li> </ul>	
<b>2) Content quality</b>	<b>Strong Evidence</b>
<ul style="list-style-type: none"> <li>Free from factual errors</li> <li>Content is presented conceptually when possible—more than a mere collection of facts</li> <li>Content included accurately represents the knowledge base of the discipline</li> <li>Theories/scientific models contained represent a broad consensus of the scientific community</li> <li>Interconnections among mathematical topics</li> </ul>	
<b>3) Connections to Literacy</b>	<b>Strong Evidence</b>
<ul style="list-style-type: none"> <li>Employs a variety of reading levels and is grade/level appropriate</li> <li>Use of multiple representations-concrete, visual/spatial, graphs, charts, etc.</li> <li>Provides opportunities for summarizing, reviewing, and reinforcing vocabulary skills and concepts at multiple levels of difficulty for a variety of learning styles.</li> <li>Student text provides opportunity to integrate reading and writing</li> <li>Uses vocabulary that is age and content appropriate</li> <li>Focuses on critical vocabulary vs. extensive lists</li> <li>Identifies key vocabulary through definitions in both text and glossary</li> <li>The text is engaging and facilitates learning</li> <li>Embedded activities enhance the understanding of the text</li> </ul> <p><i>Note: may apply to either student or teacher editions</i></p>	
<b>4) Connections to Technology</b>	<b>Strong Evidence</b>
<ul style="list-style-type: none"> <li>Integrates technology and reflects the impact of technological advances</li> <li>Uses technology in the collection and/or manipulation of authentic data</li> <li>Embeds web links as a mathematics resource.</li> </ul>	

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**5) Support for Diverse Learners****Moderate Evidence**

- Provides support for ESL students
- Provides support for differentiation of instruction in diverse classrooms
- Challenge for gifted and talented students
- Support for students with learning difficulties

*Note: may apply to either student or teacher editions*

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**6) Strengths, Weaknesses, Comments:**

- Reviewers may provide page numbers to point out specific strong examples for individual evaluation standards.

Objectives are listed for each lesson and a reason is given why it is important. There is a special resource listed for ESL students. There are assignments given for three levels of student for both in-class assignments and homework; basic, average, advanced. Each lesson has a suggestion for differentiated instruction included in a workbook that is separate from the teacher edition. The text is written on a high school reading level. There are graphing calculator tutorials included in the teacher edition as well as internet resource links and online quizzes. The students have access to a website with tutoring services, quizzes, and extra practice.

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**C. Supports Inquiry and Skill Development****Moderate Evidence**

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**1) Promotes Inquiry, research and Application of Learning****Moderate Evidence**

- Provides opportunities for inquiry and research that includes activities such as gathering information, researching resources, observing, interviewing, and evaluating information, analyzing and synthesizing data and communicating findings and conclusions, formulating authentic questions to deepen and extend mathematical reasoning.
- Requires students to use higher-level cognitive skills (analysis, synthesis, evaluation, generalizing, justifying, etc.)
- Provides activities and projects for students to deepen their knowledge and cultivate and strengthen problem-solving and decision-making skills.
- Provides opportunities for application of learned concepts.
- Uses a variety of relevant charts, graphs, diagrams, number lines, and other illustrations to invite and motivate students to engage in discussion, problem solving, and other high-order thinking skills.
- Emphasizes conceptual understandings that invite students to predict, conclude, evaluate, develop and extend ideas to support reasoning.

*Note: may apply to either teacher or student edition*

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**2) Skill Development****Moderate Evidence**

- Provides opportunities to make sense of all mathematics
  - Provides opportunities to recognize, create, and extend patterns.
  - Provides opportunities for critical thinking and reasoning.
  - Provides opportunities to justify/prove responses.
  - Provides opportunities to ask deeper questions.
  - Contains embedded activities (or extensions) that emphasize use of technology for problem
-

solving

*Note: may apply to either teacher or student edition*

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**3) Strengths, Weaknesses, Comments:**

Activities are interspersed in the text, but do not proceed or follow each section. Students are asked to explain, but are rarely asked to predict or extend ideas. Students are given a variety of methods and ideas for solving the same problem. Key question words are italicized for easy visual recognition for the students.

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<b>D. Supports Best Practices of Teaching and Learning</b>	<b>Strong Evidence</b>
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**1) Engages Students**

Strong Evidence

- Includes content geared to the needs, interests, and abilities of all students
- Engages and motivates students using components such as real-life situations, simulations, experiments, and data gathering.
- Includes information and activities that assist students in seeing relevance of concepts (where appropriate) to their own lives and experiences
- Provides a variety of strategies, activities, and materials to enhance student learning at the appropriate learning levels
- Activities are truly congruent to the concepts addressed, not merely correlated

*Note: may apply to either teacher or student edition*

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**2) Uses Assessment to Inform Instruction**

Strong Evidence

- Includes multiple means of assessment as an integral part of instruction
- Provides evaluation measures in the teacher edition that supports differentiated learning activities
- Embedded assessments reflect a variety of Depth of Knowledge levels

*Note: may apply to either teacher or student edition*

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**3) Strengths, Weaknesses, Comments:**

- Reviewers may provide page numbers to point out specific strong examples for individual evaluation standards

Activities are used to enhance learning and differentiate instruction. There are online quizzes, text quizzes, as well as end of chapter tests included. In addition, each section has KCCT test questions. There is also open-response questions at the end of each chapter. This gives the students multiple DOK levels of questioning. The KCCT links are extensive.

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<b>E. Has an Organization/ Format that Supports Learning and Teaching</b>	<b>Strong Evidence</b>
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**1) Organizational Quality**

Strong Evidence

- Print and/or electronic materials present minimal barriers to learners, but also add encouragement for students to stretch and make further explorations.
  - Presents chapters/lessons in an organized and logical sequence
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Evaluation Tool for Basal Instructional Materials  
Mathematics (2009 – 2015)

- Provides clearly stated objectives for each lesson.
- Uses text features (e.g., titles, headings, subheadings, review questions, goals, objectives, space, print, type size, color) to enhance readability.
- Makes use of various forms of media (e.g., CD's, recordings, videos, cassette tapes, computer software, web-based components, interactive software, calculators, physical and virtual manipulatives) as either student or teacher resources
- Includes clear, accurate, appropriate and clearly explained illustrations and/or graphics that reinforce content standards.
- Incorporates a glossary, footnotes, recordings, pictures, and/or tests that aid pupils and teachers in using the book effectively
- Uses grade-appropriate type size
- Included media are durable, easy to use and have technical merit
- Construction appears to be durable and able to withstand normal use

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**2) Essential Components (beyond student and teacher text)**

Little or No Evidence

- Items identified as essential components support the learning goals and concept coverage of the basal

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**3) Strengths, Weaknesses, Comments:**

- Reviewers may provide page numbers to point out specific strong examples for individual evaluation standards.

The text is very organized and provides objectives and reasoning for each section to both student and teacher. There is web-based help including virtual manipulatives as well as calculator use throughout. The structure of the book is both user and student friendly. There is no addition auxillary materials included with the student and teacher edition, but there are materials available for support.

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**F. Has available Ancillary/ Gratis Materials**

*Note: The decision whether to recommend or not recommend this resource as a basal should not be influenced by Section F*

**Strong Evidence**

**1) Ancillary/Gratis Materials**

- Coordinates teacher resources easily with student material (e.g., accompaniments included, student pages shown, instructional technology indicated).
- Are well-organized and easy to use
- Provide substantive learning opportunities and are congruent with student learning goals
- Provide opportunities for high-level thinking, assessment, and/or problem solving
- Provides opportunities for intervention.

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**2) Strengths, Weaknesses, Comments:**

- Reviewers may provide page numbers to point out specific strong examples for individual evaluation standards.

The teacher edition provides references to ancillary materials. The materials available are a best practices toolkit, multi-language visual glossary, student resources in spanish, notetaking guide, worked out solution key, teaching mathematics using technology, remediation book, spanish study guide, lesson plan book, practice workbook, assessment book, spanish assessment book, benchmark tests, chapter resource books, and chapter transparency books. There are also CD/DVD's including easy planner, electronic text, activity generator, power presentations, test generator, and home tutor.

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